

20000530.qrp v01_n837.qrl.20000530

Date: Tue, 30 May 2000 19:03:06 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1837

QRP-L Digest 1837

Topics covered in this issue include:

- 1) [71355] Re: K1 questions
by Phil Wheeler <w7ox@earthlink.net>
- 2) [71356] Contest: CQ WPX Results - K7RE
by Brian Kassel <bkassel@dancris.com>
- 3) [71357] Re: San Luis Machine Co
by Roy <marion@montana.com>
- 4) [71358] SMK-1 + Solda-Pullt = Trouble
by Russ Dow <n7dw@garlic.com>
- 5) [71359] Need info from gent selling used scopes
by "Kevin F. Glynn" <kfglynn@mindspring.com>
- 6) [71360] QSLMaker 2.3
by "John J. McDonough" <wb8rcr@arrl.net>
- 7) [71361] Field Antenna Mast
by ArtP721466@aol.com
- 8) [71362] Re: Need info from gent selling used scopes
by "Richard Brummer, K2JQ" <k2jq@bestweb.net>
- 9) [71363] Re: Slow code practice need help again
by Jim Durkin <jimdurkin@yahoo.com>
- 10) [71364] Showa Filters
by "Dan Reynolds" <bcdlr13@home.com>
- 11) [71365] Power out, Antenna down blues
by Bob Kellogg <ae4ic@nr.infi.net>
- 12) [71366] SMiTe Hunt Schedule
by Bob Kellogg <ae4ic@nr.infi.net>
- 13) [71367] Philosophy - Slower Speed CW
by radioham@home.com
- 14) [71368] Re: Philosophy - Slower Speed CW
by "baltimoremd@baltimoremd.com" <baltimoremd@baltimoremd.com>
- 15) [71369] Re: Parts Shortage or What about SMT Carriers
by George Gingell <k3tks@u1.abs.net>
- 16) [71370] Re: Philosophy - Slower Speed CW
by Phil Wheeler <w7ox@earthlink.net>
- 17) [71371] SELL: Yaseu FT-100 Knob
by Patrick Armstrong <aa7fg@gte.net>
- 18) [71372] ZM-2 antenna tuner \$35.00
by Patrick Armstrong <aa7fg@gte.net>
- 19) [71373] Re: Philosophy - Slower Speed CW

by W1R0@aol.com

20) [71374] OT: Contest CQWW WPX SOAB QRP - VA7AM (VA7NT)
by Paul Erickson <paule@sfu.ca>

21) [71375] Suggestions?
by "J. Ervin Bates" <w8erv@email.msn.com>

22) [71376] K1 receiver architecture
by Wayne Burdick <n6kr@elecraft.com>

23) [71377] ZM-2 tuner; FT-100 knob - SOLD
by Patrick Armstrong <aa7fg@gte.net>

24) [71378] Re: San Luis Machine Co
by Bob Patten <n4bp@bc.seflin.org>

25) [71379] WPX....NQ7X
by "Floyd Smithberg" <flydnq7x@primenet.com>

26) [71380] HW-9 for sale
by Jim/Julia <w7ls@blarg.net>

27) [71381] more PSK-20 HooDoo!!
by "Rod, N0RC" <n0rc@qsl.net>

28) [71382] RE: San Luis Machine Co
by K4YBB@aol.com

29) [71383] RV: double-hop with 5 watts ... was:Re: any six meter buffs out there?
by "Francisco Hernandez Alonso" <co2ha@jcce.org.cu>

30) [71384] Re: San Luis Machine Co
by Al Patrick <arp@inet4u.com>

31) [71385] Re: Philosophy - Slower Speed CW
by Makos327@aol.com

32) [71386] Re: Philosophy - Slower Speed CW
by "Daniel" <hamop@pixi.com>

33) [71387] RE: qrp solar power jpeg (was: Portable power supply for DSW)
by Karl Kanalz <KKanalz@excel.com>

34) [71388] Re: San Luis Machine Co
by K4YBB@aol.com

35) [71389] Re: Cry of Help for the Mobile Antenna, an Update
by "Mike Yetsko" <myetsko@insydesw.com>

36) [71390] Re: SMK-1 Web Photos of my work
by "James P. Osburn, P.E." <j.p.osburn@ieee.org>

37) [71391] Yaesu 209RH Manual
by "Steve Sorrell" <ap036@detroit.freenet.org>

38) [71392] Re: Philosophy - Slower Speed CW
by George F Franklin <w0av@juno.com>

39) [71393] Re: SMK-1
by Norm Melick <henmel@worldnet.att.net>

40) [71394] Through hole parts shorage? -- Maybe!
by Karl Kanalz <KKanalz@excel.com>

41) [71395] Re: Cry of Help for the Mobile Antenna
by Monte Stark <ku7y@dri.edu>

42) [71396] Re: Through hole parts shorage? -- Maybe!
by Norm Melick <henmel@worldnet.att.net>

- 43) [71397] Re: SMK-1 Web Photos of my work
by "James P. Osburn, P.E." <j.p.osburn@ieee.org>
- 44) [71398] Kits: 100 NorCal NPO Cap Kits Available
by "Doug Hendricks" <ki6ds@hotmail.com>
- 45) [71399] Re: Cry of Help for the Mobile Antenna
by Bob Nielsen <nielsen@primenet.com>
- 46) [71400] Antenna Question...
by "Mike Yetsko" <myetsko@insydesw.com>
- 47) [71401] Bay Area Pizza Bash: Gary Diana, N2JGU in town Friday
by "Doug Hendricks" <ki6ds@hotmail.com>
- 48) [71402] Re: Cry of Help for the Mobile Antenna
by "Richard Brummer, K2JQ" <k2jq@bestweb.net>
- 49) [71403] through-hole/smt parts shortage
by "g.diana" <embres@frontiernet.net>
- 50) [71404] SWL PSK-20 alive in Fresno
by dave_epps@juno.com
- 51) [71405] CW Speeds, new upgrades and etc
by Monte Stark <ku7y@dri.edu>
- 52) [71406] Soldering question (temperature)
by REDSBOY@aol.com
- 53) [71407] Re: Soldering question (temperature)
by Phil Wheeler <w7ox@earthlink.net>
- 54) [71408] Re: Cry of Help for the Mobile Antenna, an Update
by "James C. Owen, III" <k4cgy_list@yahoo.com>
- 55) [71409] NorCal Cap Kits: 20 gone, 80 left.
by "Doug Hendricks" <ki6ds@hotmail.com>
- 56) [71410] Re: Soldering question (temperature)
by "Mike Yetsko" <myetsko@insydesw.com>
- 57) [71411] San Luis Machine lives
by "Doug Hauff" <slmachco@fix.net>
- 58) [71412] Re: Soldering question (temperature)
by "Steve Thompson" <steve@xcvr.com>
- 59) [71413] ARRL TIS--How to Solder
by "Rod, N0RC" <n0rc@qsl.net>
- 60) [71414] Soldering iron info feedback.
by REDSBOY@aol.com
- 61) [71415] Re: Soldering question (temperature)
by "JC Smith" <jc-smith@worldnet.att.net>
- 62) [71416] San Luis Machine Not Guilty
by K4YBB@aol.com
- 63) [71417] LPF filter values &c
by Nils R Young <nilsbull@juno.com>
- 64) [71418] Re: FS: OHR DD-1 Frequency Display and Counter..
by "Phinizy, William" <wphinizy@filenet.com>
- 65) [71419] Re: Showa Filters
by "Graham Firth" <graham.firth@btinternet.com>
- 66) [71420] FS: Poqet PC, excelnt cond.
by K1DXradio@aol.com

- 67) [71421] NorCal Cap Kits: Status report
by "Doug Hendricks" <ki6ds@hotmail.com>
- 68) [71422] Re: Kits: DSW Production Interruption
by zmola@campbellsci.com
- 69) [71423] Re: through-hole/smt parts shortage
by Stephen Trier <sct@po.cwru.edu>
- 70) [71424] antenna restrictions
by GElam30092@aol.com
- 71) [71425] Re: Through hole parts shorage? -- Maybe!
by "Victor Blackwell" <victor@brecnet.com>
- 72) [71426] OT: Macintosh terminal software WTD
by K2UD@aol.com
- 73) [71427] Mobile HF Antenna Mounting
by Stanley A Mcintosh <mcintos@basf-corp.com>
- 74) [71428] FS: Nice T-T Argosy-II w/PSU (reduced price)
by Richard Arland <k7sz@epix.net>
- 75) [71429] cpr/mon
by neil tanner <ntan@crosslink.net>
- 76) [71430] Re: qrp solar power jpeg (was: Portable power supply for DSW)
by wd3p@juno.com
- 77) [71431] CQ-WPX-CW
by "aluscre" <aluscre@neo.rr.com>
- 78) [71432] PARTS SHORTAGE!!??
by "chuck munce" <k0gjx@email.msn.com>
- 79) [71433] License upgrades
by "John Nall" <nally@talstar.com>

Date: Mon, 29 May 2000 16:04:47 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: elawson@lawson-philpot.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [71355] Re: K1 questions
Message-ID: <3932F78F.5777656B@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Edward Lawson wrote:

>
> Can you order any two bands you want on an additional module such as
> 30M and 15M?
>

I believe this is TBD .. but I think that is the idea. I suspect the

options for other bands will ship later than the basic rig .. if K2 options are any guidance.

> Fair to say it seems to be an updated Sierra in terms of circuitry?
>

Dunno .. It seems to have more programmability (e.g., 3 bandwidth selections) and fewer torroids. It includes a memory keyer and LCD display (similar to KC-2?). Plus power up to 5 watts .. like a Sierra on steroids. My guess is that it will be much improved over the Sierra.

> Correct to believe it is not intended for frequent band changes the
> way the
> Sierra is?
>

The documentation at the Elecraft web page says "not intended for frequent module swapping".

Phil

Date: Mon, 29 May 2000 00:18:16 -0700
From: Brian Kassel <bkassel@dancris.com>
To: QRP-L <QRP-L@lehigh.edu>, Larry Cruise <aa5ta@texasonline.net>, Barry Cruise <0007544855@MCIMAIL.COM>, Bob Patten <n4bp@bc.seflin.org>
Subject: [71356] Contest: CQ WPX Results - K7RE
Message-ID: <393219B8.5ACD2D7D@dancris.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Gangue:

Wow, what a weekend. I worked about 20 hours give or take in the 48 hours allotted. I ran my K-2 at 5W. The antenna was my usual generic 3 element tribander at 38 feet. I operated mostly 20 and 15 meters. I did try to use 10 meters as much as possible, but it never really opened. At best I heard maybe 10 weak signals. I was disappointed, as the 28 day solar peak was about at maximum. The exception were the few Caribbean stations. I managed to work a few 40M QSO's, just to pick up a few new prefixes.

My Totals:
534 QSO's
1377 QSO Points (raw, but close)
311 unique prefixes

428,247 total score.

Conditions were only so-so, with a virtual blackout on 10, 15 and 20 for almost 2 hours on Saturday.

I haven't as yet figured out how many different countries I actually was able to work, as the contest scoring is based on prefixes only.

Let's see, now where is that QRO guy who said that you can't work much DX with QRP? He's probably out working overtime to pay for a new set of finals.

Life is good ;)

Brian K7RE

Date: Mon, 29 May 2000 17:15:17 +0000
From: Roy <marion@montana.com>
To: w7ox@earthlink.net, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [71357] Re: San Luis Machine Co
Message-ID: <200005292320.RAA21684@mail.montana.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 03:46 PM 5/29/00 -0700, Phil Wheeler wrote:

>But I wonder if they are still there? I sent a check for replacement
>K8FF paddle bearings and a custom base over a year ago and got no
>response.

>

>Phil

>

I sent a Money order to San Luis Machine Co. for some about 2 years ago and never got them. Doug Hendricks felt sorry for me and sent me some he had. Roy AB7CE

Date: Mon, 29 May 2000 17:09:37 -0700
From: Russ Dow <n7dw@garlic.com>
To: qrp-l@Lehigh.EDU
Subject: [71358] SMK-1 + Solda-Pullt = Trouble
Message-ID: <393306C1.685AD528@garlic.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Hi gang,

I blew it. Or more accurately, I pulled it. I soldered a capacitor down crooked (both ends soldered) and I wanted to straighten it out. I was too lazy to look for my solder braid, so I grabbed my Solda-Pullt. That thing is more powerful than I realized. I popped the plunger and FOOP! Solder gone. Cap gone too.

After looking around the work area, I disassembled the Solda-Pullt and found the cap wedged deep in a recess inside the tool. My XYL (Connie, WA6JCK) retrieved it with a pair of skinny tweezers, but one of the ends was missing.

The rest of the kit went together nicely, about 8 hours since I work slowly at best, and this was my first shot at SMT. So far I haven't applied power, but I will test the Rx side (C28 is temporarily missing from the Tx side) while waiting for the replacement cap I'm about to order from Doug. (Maybe I should wait and see if I ruined anything else!)

Lesson learned: As others have advised, use solder braid. I dab a bit of liquid flux on mine -- a trick I learned from this list -- and it works faster, resulting in less heat applied. Tools like the Solda-Pullt have their place, but nowhere near my SMT projects from now on.

I'd like to add my thanks to Dave, Doug, Jim, and everyone else who played any role in bringing the SMK-1 project to reality. Even if mine never works, building it was time and money well spent just for the experience!

73,
Russ N7DW

Date: Mon, 29 May 2000 20:23:34 -0400
From: "Kevin F. Glynn" <kfglynn@mindspring.com>
To: <qrp-l@lehigh.edu>
Subject: [71359] Need info from gent selling used scopes
Message-ID: <003601bfc9cd\$4b411ba0\$4a19f7a5@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi gang,

A couple of years ago there was a gent selling used scopes for very reasonable prices. Naturally I cannot find his e-mail nor the list, etc. etc.

Does anyone know who does the mail order business in scopes and other test equipment?

Thanks for the info.

72 Kevin N2TO
Brooklyn, NYC
kfglynn@mindspring.com

Date: Mon, 29 May 2000 20:35:49 -0400
From: "John J. McDonough" <wb8rcr@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [71360] QSLMaker 2.3
Message-ID: <06e901bfc9cf\$0174ac60\$010044c0@Conor.baycty1.mi.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

QSLMaker 2.3 has a hidden feature that many of you have asked for. It's not fully implemented yet, so it's a little odd right now, but for those of you who wanted to change the text on the info block boxes, it is now possible, if a little ugly. If you needed to do this, and you have the QRP-L Version 3 CD, email me and I'll tell you how to do it.

Right now, QSLMaker 2.3 is only on the CD. Once I get the self-extracting exe and source kit built I'll move it to my website. The zip version (only) might also be on N4BP's site. It's also on the LogWindows CD if you picked up one of those at/since Dayton.

72/73 de WB8RCR <http://members.home.com/wb8rcr/index.htm>
didileydadidah QRP-L #1446 Code Warriors #35

Date: Mon, 29 May 2000 21:39:40 EDT
From: ArtP721466@aol.com

To: qrp-1@lehigh.edu
Subject: [71361] Field Antenna Mast
Message-ID: <bf.39f0a19.266475dc@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

For those who need one,

Home Depot sells an extendable paint roller handle. One of the versions is 6 feet long collapsed and extends to 20 feet. If you don't need to paint the eaves on your second story, it makes a great mast. The top end is threaded to accept the handle of the paint roller. This can be redone to accept a mast clamp using conduit, or PVC.

Good luck and keep clackin' those keys.

72/73

Art KB90VS

Date: Mon, 29 May 2000 21:43:05 -0400
From: "Richard Brummer, K2JQ" <k2jq@bestweb.net>
To: <kfglynn@mindspring.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [71362] Re: Need info from gent selling used scopes
Message-ID: <001e01bfc9d8\$67a44140\$cb05b3d8@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Kevin,

I looked back at some old e-mails that I had saved, and found Coppes Electronics in Bisbee, AZ. I think this is the gentleman that you are looking for.

I found two listings in Bisbee, AZ:

Coppes Electronics
501 Bisbee Road, Bisbee, AZ 85603
(520) 432-1229

Coppes Electronics
23 Mason Addition Street, Bisbee, AZ 85603

(520) 432-2928

Please let me know if this helps.

73,
Dick K2JQ
Mahopac, NY

Date: Mon, 29 May 2000 18:46:53 -0700 (PDT)
From: Jim Durkin <jimdurkin@yahoo.com>
To: ke4vpn@yahoo.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [71363] Re: Slow code practice need help again
Message-ID: <20000530014653.22321.qmail@web314.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Ronnie,
You might like to look at the FISTS homepage:
<http://www.FISTS.org>

They have a program to help with a code buddy. Also
have a list of frequencies where you can work other
members. A great help in learning everything in cw
including the numbers.

73

Jim kt4a

--- Ronnie Davis <ke4vpn@yahoo.com> wrote:

> Hello
> I just got the K2 #1221 finished and I have made a
> few
> contacts by SSB but Im really interested in making
> cw
> contacts. I would very much like to sked a contact
> with anyone wanting to learn code or help a beginner
> like myself. I have great desire to learn and would
> enjoy ragchewing with a few friends on cw. I dont
> have
> any idea where to look for cw contacts, im a new
> general lite Hi Hi, if anyone would like to sked a
> contact or has plenty of patience email direct and
> let
> me know a time and freq to try. Thanks all ke4vpn
>
> K2 is one fine rig BTW

>
>
> -----
> Do You Yahoo!?
> Kick off your party with Yahoo! Invites.
> <http://invites.yahoo.com/>

Do You Yahoo!?
Kick off your party with Yahoo! Invites.
<http://invites.yahoo.com/>

Date: Mon, 29 May 2000 20:52:55 -0500
From: "Dan Reynolds" <bcdlr13@home.com>
To: "qrp-L Reflector" <qrp-l@Lehigh.EDU>
Subject: [71364] Showa Filters
Message-ID: <000901bfc9d9\$c7123a50\$67cc0f18@c375497a>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Anybody have some Showa 9.000 MHz filters stashed or know of a source.
Someone told me they saw them at Dayton and that the GQRP club might have
them.

Dan Reynolds
KB9JLO

Date: Mon, 29 May 2000 10:04:52 -0400
From: Bob Kellogg <ae4ic@nr.infi.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [71365] Power out, Antenna down blues
Message-ID: <39327904.87D21087@nr.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Well, Guys,

I'm recovering.

We just completed two and a half days with no electricity. Had limbs
down and my beloved horizontal loop no longer loops. There are trees

through several houses in my neighborhood. One house looks like a giant axe just chopped off one end of it. We just lost some *big* limbs.

We'd just returned from our extended Dayton trip when it happened. I was all pumped up to build my new kits, fool with my new goodies, etc.

It's funny, how times change. One morning I woke up to realize that the electricity was still off. I thought of all of the stuff I wanted to do. Make coffee. -- Run Spectrogram on my K2. Take a shower. Work with the laptop that followed me home from Dayton. Build a noise source. But, with no electricity, I thought, I might as well stay in bed a while longer.

Then a vision of my grandpa came to mind. He and grandma lived much of their lives without electricity, and got along fine, thank you.

I got up. :-)

P.S. Ellen asks why did it take me 'til the third day to hook a battery up to the TV? (I say, "Grandpa didn't have no stinkin' TV!")

--

73,

Bob Kellogg, AE4IC, Greensboro, NC
Prolobly, not nececelery. - Benny Hill

Date: Mon, 29 May 2000 11:02:44 -0400
From: Bob Kellogg <ae4ic@nr.infi.net>
To: KLQRP <KLQRP@VRAMP.NET>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [71366] SMiTe Hunt Schedule
Message-ID: <39328694.D5003F0@nr.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Guys,

Sorry for the delay, but here's the SMiTe Hunt schedule. These are the QRPp SMiTes who will be appearing on Sunday nights, (Monday morning, 0130 UTC) at 3.6864 MHz.

The SMiTe hunt is a low power, lower speed, low pressure version of

the annual Fox hunt. Work as many SMiTes this summer as you can. 80 Meters in the summer is noisy and propagation is tough. The SMiTes are lucky to be captured ten times during their two hour chase. The hunt is difficult, but fun, -- happy hunting!

May 14 - K04WX - Georgia
May 21 - N4ROA - Virginia
May 28 - KF4AR - North Carolina
Jun 4 - NA6E - California
Jun 11 - N4HAY - North Carolina
Jun 18 - K5YU - Texas
Jun 25 - N4HAY - North Carolina
Jul 2 - K5YU - Texas
Jul 9 - KF4AR - North Carolina
Jul 16 - NA6E - California
Jul 23 - N4ROA - Virginia
Jul 30 - K04WX - Georgia
Aug 6 - KF2P - New York
Aug 13 - TBA

Right now, I'm thinking about making August 13, (the last night) an open night, with all of the SMiTes that are available on the air. This would make it possible for contacts all over the country. Any thoughts about this would be welcome.

--

73,

Bob Kellogg, AE4IC, Greensboro, NC
Prolobly, not nececelery. - Benny Hill

Date: Mon, 29 May 2000 22:14:43 -0400
From: radioham@home.com
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [71367] Philosophy - Slower Speed CW
Message-ID: <3.0.6.32.20000529221443.007a2580@24.2.2.70>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

It all depends what you mean by slower speed CW. I am very happy chugging along at 15 to 20 WPM using a keyer. I can copy a bit faster than that, but it ceases to be comfortable. Generally, I can find rag chew QSOs on almost any band in the general portions of the bands, but I have noticed a decreasing number of stations in this speed range. The FISTS frequencies are by far the best place to find friendly folks willing to match your

speed.

I understand that slower CW may be difficult for the speed demons to adjust to, but not all of us want to go that fast. There seems to be a misconception that everyone has to aspire to faster speeds, higher grades. Sort of like the up or out program the US military had for a while. There were many really fantastic sergeants and captains who were very good at what they did and didn't want to go any higher, but they got the boot for failing to progress. Lost many good men and women during those years. Ham radio doesn't have to be that way. There's room for everyone at every level and interest. It's a hobby, not a profession, not a competition - you don't have to reach the pinnacle to be happy.

I enjoy CW, I enjoy SSB. Both have a place. But, if I can't find anyone on CW willing to go at a moderate speed, then guess where I end up?? And, to tell the truth, I'd much rather be on my HW-9 than doing SSB. And QRP SSB is a lot less successful than QRP CW. With the possible influx of new and upgrade hams who are never tested above 5 wpm, they will never use CW unless they are made to feel welcome at speeds they can copy.

I was first licensed in 1965 as a novice, a year later as a tech, then as a general. I have been a general class for over 30 years and don't feel I am missing anything. Plenty of room and modes for me to operate. Who needs to go below 7.025, etc., in the extra CW portions if you don't want to exceed 20 wpm??? More phone frequencies, but I'm not real greedy. If I go for the extra, it will be for the phone, not the CW privileges, as I won't be doing much in the <x.025 sectors.

If CW dies out, it will be because those who love it so much are unwilling to accomodate those who don't have, or don't want their skill level.

Just a few random thoughts for the masses. Hope I am not offending anyone. See you on the air.

72/73,

Steve, N4EUK
Reston, VA

Date: Mon, 29 May 2000 22:21:39 -0400 (EDT)
From: "baltimoreemd@baltimoreemd.com" <baltimoreemd@baltimoreemd.com>

To: radioham@home.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [71368] Re: Philosophy - Slower Speed CW
Message-ID: <Pine.BSI.4.05L.10005292220210.13539-100000@vh1.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 29 May 2000 radioham@home.com wrote:

> If CW dies out, it will be because those who love it so much are unwilling
> to accomodate those who don't have, or don't want their skill level.

Good point...perhaps some of us that really like cw need to think about this more often.

73

thom

[illegible]

http://www.baltimoremd.com/	Baltimore's Home Page
http://www.baltimorehon.com	Home of the Baltimore Lexicon
http://www.min.net/~thom/	Home of the Drake Mailing List

Date: Mon, 29 May 2000 22:18:57 -0400 (EDT)
From: George Gingell <k3tks@u1.abs.net>
To: QRP List <qrp-l@Lehigh.EDU>
Subject: [71369] Re: Parts Shortage or What about SMT Carriers
Message-ID: <Pine.BSI.4.10.10005292159190.20140-100000@u1.abs.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Just a few comments, A few here mentioned Piggy Back PCB's for the SMT Chips on various projects.

Seems like good ideas just keep coming back when needed.

Doug DeMaw, W1FB had an Article in QST many years ago on "Miniature Component Modules". The idea was to Make up Various Circuits on Dip Headers and plug them into the sockets of the motherboard or "Prototyping Breadboard".

I really fell in love with the idea and made several. Some acutally worked. ;^)

A bit later "Blue Rose Electornics", a Ham owned Company in England made lots of neat little kits with SMT stuff.

It seemed only natural to put some of them on Dip Headers to play with new ideas.

I have also seen some ready made SMT Device Carriers made to mount on dip headers. Of course it is a simple matter to make your own by drilling the correct holes on a thin piece of PCB. I used some Machined sockets plugged into a Breadboard, then placed the predrilled PCB (Etched if you like) on top of the IC Socket, then just inserted scrap Resistor leads in the holes and soldered to the PCB. Guess you could get fancy and use machined pins if desired.

I would think that it best to use High Quality Machined Sockets on the Mother Board for best results.

Depending on space, it is actually possiable to mount the PCB vertically and run the leads like spider legs to the socket. A bit tricky putting it in the socket at times.

One advantage of the PCB carrier is that it is possiable to make adjustments for different pinouts by using double sided PCB.

Maybe one day we will have the SMT Circuits in DIP Modules. (Hmmm ain't that what they call an IC?) :^)

Sir George, The First :^)

72 ES

QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net

QRP A.R.C.I. Net Manager and Board of Director Member.

Gingell & Company, Ltd. Small Business Telephone Systems

Notary Public and Locksmith Services

George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117

Maryland Milliwatt Club QRP Reference Library, (301)572-6789

Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -

Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

Date: Mon, 29 May 2000 19:23:37 -0700

From: Phil Wheeler <w7ox@earthlink.net>

To: radioham@home.com

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [71370] Re: Philosophy - Slower Speed CW

Message-ID: <39332629.F841BCDF@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

radioham@home.com wrote:

>
> It all depends what you mean by slower speed CW. I am very happy chugging
> along at 15 to 20 WPM using a keyer. I can copy a bit faster than that,
> but it ceases to be comfortable. Generally, I can find rag chew QSOs on
> almost any band in the general portions of the bands, but I have noticed a
> decreasing number of stations in this speed range. The FISTS frequencies
> are by far the best place to find friendly folks willing to match your
> speed.
>

I'm with you, Steve. I was Band Captain for 40/15 CW at a large 1999
Field day operation last year. Fortunately I had enlisted some good
contest CW ops .. who could run for hours at the 30 WPM or so that all
other stations seemed to use (and we racked up more points than any
other of the seven stations in our operation). Personally, I made maybe
1-2% of our contacts, since my meager 20 WPM kept me really stressed
out!

This year I will do my own thing (QRP, battery) .. with no illusions of
winning any class or even trying: More fun, less stress .. for me, at
least.

Phil W70X

Date: Mon, 29 May 2000 20:19:46 -0700
From: Patrick Armstrong <aa7fg@gte.net>
To: qrp-1@lehigh.edu
Subject: [71371] SELL: Yaseu FT-100 Knob
Message-ID: <39333351.C325D5CA@gte.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Yaseu FT-100 Knob and allen wrench for Elecraft K2 transceiver... Extra
to my needs... \$15.00

Pat, AA7FG - Oregon

Date: Mon, 29 May 2000 20:21:37 -0700
From: Patrick Armstrong <aa7fg@gte.net>
To: qrp-1@lehigh.edu
Subject: [71372] ZM-2 antenna tuner \$35.00
Message-ID: <393333C0.AAE6289@gte.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Emtech ZM-2 antenna tuner assembled and working in good condition...
\$35.00

Pat, AA7FG - Oregon

Date: Mon, 29 May 2000 23:41:25 EDT
From: W1R0@aol.com
To: radioham@home.com, qrp-1@lehigh.edu
Subject: [71373] Re: Philosophy - Slower Speed CW
Message-ID: <6.69a2b98.26649265@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I'd be happy to chat with you at those speeds or slower. Weekends I'm on 28060 looking to do QRP/WAS. Last contact on that freq managed a 45 minute rag chew at 15 to 18 wpm. If any ham anywhere wants to work on their slow speed send them up to look for me. I really don't like working below 5 WPM!
Jim
W1R0/7

Date: Mon, 29 May 2000 19:32:42 -0700
From: Paul Erickson <pau1e@sfu.ca>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [71374] OT: Contest CQWW WPX SOAB QRP - VA7AM (VA7NT)
Message-ID: <3933284A.655BADf@sfu.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

CQ WPX SUMMARY SHEET

Contest Dates : 27-May-00, 28-May-00
Callsign Used : VA7AM
Operator : VA7NT
Category : SOAB/QRPP
Default Exchange : 5nn #
Name : PAUL ERICKSON

BAND	Raw QSOs	Valid QSOs	Points	Prefixes
40CW	49	49	207	23
20CW	238	238	601	151
15CW	218	216	494	110
10CW	9	8	19	5

Totals	514	511	1321	289

Final Score = 381,769 points.

Well, had a good time, up until Sunday, when the bands died.
Hind sight being what it is, I should have worked all night
the two nights, and then slept all day Sunday, probably would
have had a higher score.

The highlight was working the 3V8BB. Hope the rest of you
had a good time.

--

cheers, Paul - VA7NT (ex VE7CQK) - email: paule@sfu.ca

"Those who hear not the music, think the dancers mad..."

Date: Mon, 29 May 2000 23:45:26 -0400
From: "J. Ervin Bates" <w8erv@email.msn.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [71375] Suggestions?
Message-ID: <061901bfc9e9\$7e932a40\$b9451b3f@win98>

I am looking for a few suggestions for some QRP equipment, to compliment
what I have going now. I have the Emtech NW 8020 for 20m, (hope to have)
the ZM-2 tuner offered by a member of this list and my 20m coaxial dipole.
Now for the need.....

I would like to have an SWR/Power unit to add to it, as well as a keyer. I used the MFJ 493 menu keyer this weekend, but two things bother me. a.) they don't offer it in kit form (I am told) and b.) I don't need all the bells and whistles they offer for this model. I would like to stay with QRP-specific manufacturers and eventually, would like to build my own rigs and tuner. But I have to walk before I run, so my good friend and Elmer, Ellis (W8YB) has graciously offered his time this summer to get the items built with me.

Thanks in advance and your help is appreciated.

72,
Erv W8ERV

HamFair2000 is coming...ask me about it!
"Dare to Dream-It Sets Your Spirit Free!"

10-10# 70639 - QRP-ARCI# 9702 - SOC# 41
QRP-L #1569 - NorCal Zombie #236 - Worked All
El Paso #033/1999 - Member, MI DX Assn.
MI QRP Club, M-1688 - FPqrp- 50 - Member ARRL
Rag Chewers' Club - WAC -

Date: Mon, 29 May 2000 20:59:33 -0700
From: Wayne Burdick <n6kr@elecraft.com>
To: elecraft@qth.net
Cc: qrp-l@lehigh.edu
Subject: [71376] K1 receiver architecture
Message-ID: <v03102816b558deb985b@[206.169.225.15]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

We've had a quite a few questions about the K1 receiver, which I'll try to answer here. Executive summary: the K1 will fall somewhere between the K2 and typical active-mixer receivers in performance.

We're using an active mixer (612/602) to keep current drain, parts count, and overall complexity as low as possible, since these were important design objectives. But we have optimized gain distribution and filtering to improve performance in strong-signal situations, especially on 40 meters. We did the following:

1. Used narrow-banded, double-tuned filters on each band. These filters are designed for a -3 dB bandwidth of approx. 150 kHz, much tighter than those you'd use for full-band coverage (such as in the K2). We also used slug-tuned inductors rather than toroids in the band-pass filters to increase loss somewhat ahead of the mixer (and of course this makes the rig easier to build, too). Loss is intentionally made even greater on 40 meters since there's generally much higher atmospheric noise on this band.

2. To make up for the extra filter loss, we use a low-noise, low-gain, post-mixer amplifier. Overall noise figure/MDS is excellent. (Final numbers will be posted in a couple of weeks.)

3. We included a true resistive attenuator ahead of the mixer (latching-relay switched via a front-panel control) rather than the usual potentiometer RF-gain control. This preserves impedance match when the attenuator is in, nominally -14 dB. (A potentiometer-style control terminates filters incorrectly at most settings, potentially worsening dynamic range and distorting the filter passband.) Gain and sensitivity are such that the receiver is very usable even with the attenuator selected, especially on the lower bands (due to the post-mixer amp).

4. Band-pass (and low-pass) filters are switched using latching relays. This reduces the number of PIN diodes in the receive path. However, as in the K2, we use carefully-biased PIN diodes in the T-R switch to provide full QSK, using the same high-intercept circuit. Low-pass filters are optimized for somewhat faster rolloff rather than for minimal SWR, resulting in excellent image rejection (and on TX, excellent harmonic suppression).

5. Three user-programmable crystal filter bandwidths are provided, each of which can be set from about 150 to 1000 Hz.

We're also planning a K1 field test run, during which we'll evaluate receiver performance in many different situations. (Sorry, all FT slots are taken!) But overall, we feel that we've made the right tradeoffs for the K1, which is intended both for first-time builders and as a lightweight, high-performance travel rig. (RX-mode current drain is < 50 mA.)

73,
Wayne Burdick
N6KR

Many thanks to all who contacted me on the ZM-2 tuner and FT-100 knob, but both were sold within minutes of the original posts...

On Mon, 29 May 2000, Art Neilson, WH7N wrote:

Art, I did the same thing on my first K8FF paddle. If you give the arm a few spins on the same sandpaper, you'll gain back your clearance. No need to replace bearings...

Bob Patten, N4BP (0 0) Plantation, FL
o00o-()-o00

E-Mail: n4bp@bc.seflin.org
 Web Page: <http://www.qsl.net/n4bp>
 Brass Pounder BBS: (954) 472-7715
 SOC #1Whiners #6

Date: Mon, 29 May 2000 22:09:49 -0700
From: "Floyd Smithberg" <flydnq7x@primenet.com>
To: "QRP-L Message" <qrp-l@Lehigh.edu>
Subject: [71379] WPX....NQ7X
Message-ID: <000901bfc9f5\$7b48c3c0\$8e3684ce@primenet.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Condx here were not good but still picked up 3 new countries for new total
of 167 worked QRP.
Unique countries worked in the contest....48. Operating time was severely
limited by my caretaker
duties(it's only a hobby-not an obsession) but popped in/out of the shack to
work:

Band	QSOs	Points	Prefixes
20cw	21	56	18
15cw	88	241	74
10cw	27	69	26

	136	366	118

Score = 43,188
Used TS850/5 Watts.....3 el Tribander...TR Log 6.49
Floyd NQ7X Phoenix,AZ ScQRPion DM33uq

Date: Mon, 29 May 2000 23:02:38 -0700
From: Jim/Julia <w7ls@blarg.net>
To: qrp-l@lehigh.edu
Subject: [71380] HW-9 for sale
Message-ID: <3933597E.B8183D62@blarg.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi. I have a Heathkit HW-9 for sale. It has two mods. One mod is a
spotting switch on the front, and a Curtis keyer board, mounted inside
on a standoff spacer. There is a speed control on the rear panel, and a
jack for keyer paddles. It does have the WARC bandpack installed.
Condition is very good. Works well. Original construction and operating
manual included. \$275/obo plus shipping, or will consider military
surplus HF manpack gear or vhf lowband gear, such as PRC-68, 25, 77,
126, 127.

Thanks. Jim W7LS

Date: Tue, 30 May 2000 02:13:06 -0600
From: "Rod, N0RC" <n0rc@qsl.net>
To: "qrp-1" <qrp-1@Lehigh.EDU>
Cc: <nn1g@earthlink.net>
Subject: [71381] more PSK-20 HooDoo!!
Message-ID: <001401bfca0e\$f6de9b40\$e0891004@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

30-May-2000, 0745z: I get home from work (it's abt 2am local) switch on the PSK-20 HooDoo rig looking for some early AM action. Nothing, flat line, DEAD PARROT! So I thought what the heck, I drop a couple of CQs (somebody's gotta start something). Back comes KH6TY/4, Skip, author of DigiPan! We chatted briefly, but CONDX were poor so we pulled the plug, but enough was exchanged to validate the QSO.

Powerful stuff the PSK-20 HooDoo!

72/3 Rod, N0RC -- Fort Collins, CO GOT HOODOO?

PS: 0810z: just got email from skip with a DigiPan screen Dump of my sig!!! Very powerful HOODOO magic in the PSK-20!!!

Date: Tue, 30 May 2000 06:08:49 EDT
From: K4YBB@aol.com
To: qrp-1@lehigh.edu
Subject: [71382] RE: San Luis Machine Co
Message-ID: <73.3afdb8a.2664ed31@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I see several comments about San Luis Machine. I have tried to contact by e-mail, more than twice, less than 6 times, and as of 5-30-2k at 6:00 AM EDT

I have not recieved a reply. I have a K8FF Kit from NORCAL and would like to get a finished base from San Luis so I can Finish the kit. I tried to do ALL the WRONG things when I was working on the base that came with the kit and really messed it up good.

If anyone hears from San Luis please let me know how you made contact so I can try to get a good base for my kit. Thank you for the time, space, and soap box!

72/73 Jim K4YBB

Date: Mon, 29 May 2000 22:03:46 -0400
From: "Francisco Hernandez Alonso" <co2ha@jcce.org.cu>
To: "_QRP-L" <qrp-l@lehigh.edu>
Subject: [71383] RV: double-hop with 5 watts ... was:Re: any six meter buffs out there?
Message-ID: <m12wff85-000ZyQC@tinored.jcce.org.cu>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit

----- Curt WB8YYY wrote on mi rcoles 24 de mayo de 2000 9:01 AM

>(5) The Ten Tec 1208 running barefoot at 8W is my only
>rig for 6m. (Someday I want to build an amplifier for
>working double-hop E-skip).

Hi Curt and the rest.

I agreed with in all you said in your post last Wednesday to the QRP Reflector (sorry not member yet) about the 6m and the QRP's. I feel that 6m is the band for QRP. Nevertheless, IMHO it's not necessary an amplifier for working double hop in 6m with low power. As a matter of fact, I heve done it several times.

Because of TVI (we have TV channel 2 and channel 6 in Havana...) I work 6m almost always as QRP. (half the out put of my IC-551 so more or less 5 watts) Well, last weekend I worked more than 60 stations in one hour many of them as far as EN80, EN60, FN00, FN20 and... VE6KZ on FN03, running 5 watts in a 4 elem yagi !! And on march this year I worked several ZL's and VP6BR with the same output and antenna...:o)

In my 6 years as 6m operator (I'm a newcomer to VHF) I have realized what

I have read many times in several books.... in 6m, when the band is openend you will work the world with 10 watts but if the band is closed, 2 Kws will only warm up the shack...Hi!

73 and hope to see all of you QRP on one of this year Es season,

Oscar, co2oj
co2oj@jcce.org.cu

PS: Thanks to my good friend Frank, co2ha, for fowarding me Curt's post and sending my message to the QRP Reflector

-----Original Message-----

De: Francisco Hernandez Alonso <co2ha@jcce.org.cu>
Para:C020J Oscar Morales Gago <co2oj@jcce.org.cu>
Fecha: Viernes 26 de Mayo de 2000 9:07 AM
Asunto: RV: any six meter buffs out there?

>-----

>De: Curt Milton <wb8yyy@yahoo.com>
>A: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
>Asunto: Re: any six meter buffs out there?
>Fecha: mi rcoles 24 de mayo de 2000 9:01 AM
>
>Adam
>
>(1) good to see your posting and the replies so far!
>
>(2) well 6m ops get excited when the band opens,
>because usually there is no skip. so when the band
>opens up with sporadic E-skip folk do tend to get
>excited even though its the same "DX" we work QRP on
>the lower bands with ease.
>
>(3) One thing that makes sporadic E fun is that it is
>like working "a moving target" Generally there is
>propagation between a couple isolated regions - then
>the "E-Skip cloud of ions" moves and there is
>propagation to someplace else. E-skip on 2 meters is
>even more fun since it is much more rare and the
>moving target effect is more pronounced.
>
>(4) The objective on VHF is work as many grid squares
>as possible - there is a US grid square map in this
>month's QST. Most activity on 6m is SSB and CW, and
>this falls between 50.100 and 50.300. The window

>50.100-125 is for DX contacts only (generally means
>foreign call signs). Beacons operate below 50.100
>which help tell us when the band is open someplace.
>The calling frequency is 50.125. CW QSO's often occur
>50.090 to 50.100.
>
>(5) The Ten Tec 1208 running barefoot at 8W is my only
>rig for 6m. (Someday I want to build an amplifier for
>working double-hop E-skip).
>
>(6) A lot of antennas work for E-skip! You can use a
>vertical for E-skip, but you will be cross-polarized
>from the locals who will mostly be using horizontal
>polarization. My R5 loads on 6m, and so does a 5/8's
>vertical for 2m. I used a rectangular loop for a
>while (there is a QST article on their site for a 10m
>version of this) and now i use a homebrew 2 element
>quad.
>
>(7) Since this band is mostly dead, i would not "throw
>away" your HF gear. But this band is "there" and
>can be fun, join us as you get a chance.
>
>let me know as you need additional info or
>clarification,
>
>Curt WB8YYY
>"low end 6 meter op"
>
>--- AdamN7YA@aol.com wrote:
>> Ok, thats it!! i cant handle it anymore....ive been
>> watching the dx spot
>> screens lately and it seems that there is an awful
>> lot of six meter activity
>> happening out there.
>> Now ive traditionally always been an HF
>> player...but i am ready to explore
>> the Magic band.
>> My question, does anyone have any suggestions for
>> a good low level rig to
>> get started with? i live in an apartment...what kind
>> of antenna options do i
>> have? are there 6 meter monoband rigs out there in
>> the price range up to
>> \$300 (or below if possible).
>> I will have some money free to start looking with
>> in about 3-4 weeks, so if
>> anyone has a 6 meter rig they may want to part with

>> in or around that time
>> frame...keep me in mind. im tired of being taunted
>> by this band.....its
>> there to play with, i want to use it! :-)
>> Thanks in advance to any replies i may receive.
>>
>> 72/73/74...Adam, N7YA
>> Las Vegas, NV...Zone 03
>> QRP-L #1608, SOC #143, Y Guy #2
>> Code Warrior #76, Hamusician #1
>
>
>-----
>Do You Yahoo!?
>Send instant messages & get email alerts with Yahoo! Messenger.
><http://im.yahoo.com/>

Date: Tue, 30 May 2000 08:07:57 -0400
From: Al Patrick <arp@inet4u.com>
To: K4YBB@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [71384] Re: San Luis Machine Co
Message-ID: <3933AF1D.90EFE449@inet4u.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

K4YBB@aol.com wrote:

> I have not recieved a reply. I have a K8FF Kit from NORCAL and would like to
> get a finished base from San Luis so I can Finish the kit.
>
> 72/73 Jim K4YBB

Jim,

Did you try getting a replacement from NORCAL?

Al

--

"The Truth is Hate, to Those Who Hate the Truth"
Do what's right. You'll please OR AMAZE everyone!

Love and hatred are both necessary. For one to love some things he must hate others, and visa versa.

Date: Tue, 30 May 2000 08:14:55 EDT
From: Makos327@aol.com
To: qrp-1@lehigh.edu
Subject: [71385] Re: Philosophy - Slower Speed CW
Message-ID: <9.613a51d.26650abf@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

In a message dated 5/29/00 10:14:09 PM Eastern Daylight Time, radioham@home.com writes:

<< It all depends what you mean by slower speed CW. I am very happy chugging along at 15 to 20 WPM using a keyer. I can copy a bit faster than that, but it ceases to be comfortable. >>

Bravo, Steve! In a pinch; and if my life depended on it, I can copy at about 30-33 wpm. But I am nowhere near confident in what I had copied; although it was probably right. I am much more happy with a "conversational" speed in the range of 18 wpm or a bit higher. I find this to be less "stressful" and more enjoyable, personally.

But I do enjoy the challenge of Field Day, too! That is why I have made code tapes using Supermorse at the 36 WPM range. I am using them on the way back and forth to work; prepping my brain and ears for Field Day!

But the utmost important thing to keep in mind is to match the newcomer's speed on the air. Nothing is more discouraging and frustrating than being in a CW conversation with someone who "insists" on sending faster than you are sending and are accustomed to. "Showing off" is probably the best tool for dismissing the neophyte.

Larry W2LJ

Date: Tue, 30 May 2000 02:33:22 -1000
From: "Daniel" <hamop@pixi.com>
To: <Makos327@aol.com>, <qrp-1@Lehigh.EDU>
Subject: [71386] Re: Philosophy - Slower Speed CW

Message-ID: <200005301232.CAA16190@phoenix.pixi.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit

I'm sort-of doing the same thing. This year will be the first time that I've ever seen and participated in Field Day. A few people in my club talked me into working Field Day w/CW. I've been practicing sending at about 35-40 so that if I go to 25 or so, it'll seem a bit slower and easier to copy. I'm looking forward to Field Day. This is going to be my first experience with an event this big.

73's and Aloha

Daniel AH7MI

Ready for Field Day by the Beaches of Oahu Hawaii :-)

>

> But I do enjoy the challenge of Field Day, too! That is why I have made code

> tapes using Supermorse at the 36 WPM range. I am using them on the way back

> and forth to work; prepping my brain and ears for Field Day!

Date: Tue, 30 May 2000 07:43:23 -0500

From: Karl Kanalz <KKanalz@excel.com>

To: "'jc-smith@worldnet.att.net'" <jc-smith@worldnet.att.net>, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [71387] RE: qrp solar power jpeg (was: Portable power supply for DSW)

Message-ID: <2D343922E283D211945C0008C7A41B2A02B20BFD@adntex01.adsn.dal.excel.com>

MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"

It's not necessarily the size of the file, JC, but rather the E-mail provider that some folks use. Usually, "free mail" providers, such as juno.com (and similar), will not accept attachments of much of any kind. E-mail with attachments, even relatively small .jpg files, will bounce.

Your requestors of your files have to have a decent E-mail provider to start with!

Karl K - W8TIF

McKinney, Texas

-----Original Message-----

From: JC Smith [mailto:jc-smith@worldnet.att.net]
Sent: Saturday, May 27, 2000 12:01 AM
To: Low Power Amateur Radio Discussion
Subject: Re: qrp solar power jpeg (was: Portable power supply for DSW)

Greetings,

Many of you asked for copies of the jpeg. I tried to send them all but encountered some problems. Some bounced, I tried again. The file is a bit large (270 kb) but hopefully the detail will make up for the bandwidth. One of these days I'll figure out how to compress these things.

If you asked and did not receive let me know and I'll try again.

72 - JC,k0hps@amsat.org

Date: Tue, 30 May 2000 09:06:42 EDT
From: K4YBB@aol.com
To: arp@inet4u.com
Cc: qrp-l@lehigh.edu
Subject: [71388] Re: San Luis Machine Co
Message-ID: <48.60cdf65.266516e2@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

No Al. I must confess I did not try NORCAL, but I will on the outside chance they have one.

Thank you for the reminder. There are all too frequent times when I can't see the forest for the trees.

73 Jim

Date: Tue, 30 May 2000 09:25:47 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "JC Smith" <jc-smith@worldnet.att.net>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [71389] Re: Cry of Help for the Mobile Antenna, an Update
Message-ID: <017801bfca3b\$e79ef9e0\$2101a8c0@insydesw.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Wow, I've had this happen!! I had a Larson NMO type mag mount base that just didn't hold near as well as my other Larson bases, or my RS bases, and my antenna blew off my Intrepid when I was doing about 75 and caught a gust. I had black marks on my rear door (the car is white) from the thing banging around. I've since put a trunk lip mount on the Intrepid with a dual-band Diamond.

The Larson I took apart and threw out the magnets, then bought new magnets at RS (I think they were \$.79 or something close). Then went to the hardware store and bought some 'brackets' to get the metal that I could hacksaw to length. Put the thing back together and it holds better than any of my other Larson bases. In fact, it's now on my Jeep with a Larson 5/8 wave.

To seal it, I just used packing tape, being very careful to make a nice smooth cover over the bottom.

Mike

> Just a quick heads up here. I was recently driving through Wyoming with a
> little 2 meter/440 MHz 1/4 wave MFJ mag mount on my car. This is the
> smallest antenna I have ever used (well, ok, the 1.2 GHz ground plane I made
> is a little smaller, but I never mounted it on a car) and I had a disaster.
> It was windy, but that can happen just about anyplace for short periods of
> time. A truck passed us in the opposite direction and the turbulence blew
> the antenna off the car. Before I could stop it flailed around sufficiently
> to pound a series of dents all over the roof of the car in a quarter circle
> whose radius equaled the length of the feed line between the mag mount and
> the entry point at the door seal. Lesson? Mag mounts are a risk. Sure
> there are stronger magnets, but they usually are used with much larger
> antennas. I'll never do it again. Caveat Emptor.
>
> 72 - JC,k0hps@amsat.org
>
> ----- Original Message -----
> From: Mike Yetzko <myetzko@insydesw.com>

> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
> Sent: Friday, May 26, 2000 4:59 PM
> Subject: Re: Cry of Help for the Mobile Antenna, an Update
>
>
> > In case you weren't aware, RS now sells two different mag base
> > units. I think the connector is just the 3/8-24 thread. One is
HUGE!
> >
> > Mike
> >
> > >-----Original Message-----
> > >From: Al Patrick <arp@inet4u.com>
> > >Subject: Re: Cry of Help for the Mobile Antenna, an Update
> > >
> > >
> > >>Stanley A McIntosh wrote:
> > >
> > >
> > >>I have seen some very large mag mounts which should withstand some
> > >ferocious winds.
> > >>. . . A large H shape with 4 large magnets and the antenna mounted
in
> the
> > >middle.
> > >
> > >
> > >I have one of those deals with the 3 magnets from the outfit that
makes
> the
> > >HamStick. Holds the HamStick to the trunk no problem even at
moderately
> > >illegal speeds. Getting the HamStick up off the ground makes it
work
> like
> > >gangbusters. It is too tall for most motels, however, and you
don't dare
> > go
> > >through the bank. If you tried that on the roof I expect many
trees and
> > >some bridges would be a problem.
> > >
> > >One detail about the large mag mounts. Make sure the car is clean
or the
> > >dirt will scratch the finish under the magnets.
> > >
> > >72/73 de WB8RCR <http://members.home.com/wb8rcr/index.htm>
> > >didileydadidah QRP-L #1446 Code Warriors #35

> > >
> > >
> > >
> >
> >
>
>

Date: Tue, 30 May 2000 08:25:57 -0500
From: "James P. Osburn, P.E." <j.p.osburn@ieee.org>
To: "List; QRP, QRP Mailing List" <qrp-l@lehigh.edu>
Subject: [71390] Re: SMK-1 Web Photos of my work
Message-ID: <002701bfca3a\$9782aa20\$cc365a3f@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I want to thank everyone sending compliments on my pictures.
I would like to encourage everyone to take pictures of their work
and post them where we can see them. It helps to understand
and it's just fun to look at neat circuits. I want to thank the SMK
people for making a neat circuit to take pictures of.

Jim, WD9EYB

Date: Tue, 30 May 2000 13:41:34 +0100
From: "Steve Sorrell" <ap036@detroit.freenet.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [71391] Yaesu 209RH Manual
Message-ID: <003d01bfca34\$76c38b20\$88fa070a@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi, A friend of mine picked up a Yaesu FT209RH 2mtr HT at Dayton with no
manual. Would like a good Xerox copy or original. Willing to pay for
costs.

Thanks

Steve Sorrell, W8SFF

Date: Tue, 30 May 2000 08:45:25 -0500
From: George F Franklin <w0av@juno.com>
To: hamop@pixi.com
Cc: qrp-1@Lehigh.EDU
Subject: [71392] Re: Philosophy - Slower Speed CW
Message-ID: <20000530.084933.-340187.2.w0av@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Hi Daniel,

Sounds like tough duty on the beaches, but I guess someone has to do it.

72/73/74 de George/W0AV
SOC #101

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<http://dl.www.juno.com/get/tagj>.

Date: Tue, 30 May 2000 07:19:26 -0700
From: Norm Melick <henmel@worldnet.att.net>
To: dlh1009@ritvax.isc.rit.edu
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [71393] Re: SMK-1
Message-ID: <3933CDEE.4BABA4E7@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks very much for your response.

The transistors are not installed, however, your comments about my probes causing the transistors to conduct slightly were very helpful in my seeing the whole picture.

Norm

Date: Tue, 30 May 2000 09:22:15 -0500
From: Karl Kanalz <KKanalz@excel.com>
To: "'marion@montana.com'" <marion@montana.com>, Low Power Amateur Radio
Discussion <qrp-l@Lehigh.EDU>
Subject: [71394] Through hole parts shorage? -- Maybe!
Message-ID: <2D343922E283D211945C0008C7A41B2A02B20C05@adntex01.adsn.dal.excel.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

It depends, Roy, on just what kind/type of "through-hole parts" you're looking for!

With the recent (sad) demise (at least, temporarily) of the DSW-xx series of radios (and you've ready *why* there's a halt on further orders/shipments), you really can't state unequivacably that through-hole parts are not in a shortage mode.

Please be careful when making generalized, sweeping statements. Just because *you* have a private stock of 1500 NE602's doesn't mean that the device is not in short supply to *others*.

Karl K - W8TIF
McKinney, Texas

-----Original Message-----

From: Roy [mailto:marion@montana.com]
Subject: through hole parts shorage?

I remember Wayne (you know, the K2 guy) saying there is not a shortage of through hole parts. I wish he would tell Doug Hendricks . He has been and continues to harp on this. Its not true. What is true is the demand for certain parts is so low that manufacturing is hard to justify, for both through hole and surface mount, unless you can come up with a big order. And the world we live in as QRP builders is probably as narrow of a demand window as you can find. The hobbyist parts source is the leavings from commercial enterprise. Part of all styles will come and go. So use what you can get, I personally stocked up on 602's, but some day they will be as obsolete as the tubes under my bench. 73 Roy AB7CE

Date: Tue, 30 May 2000 07:45:13 -0700 (PDT)

From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [71395] Re: Cry of Help for the Mobile Antenna
Message-ID: <Pine.GS0.4.10.10005300733400.9238-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

Just got back from a trip to Boise. Used a Larson Mag mount again for the 2m antenna with no trouble. Have used that mount and several others like it for years and never had one fall off.

I drive around 75 mph most of the time and the trip from Reno (to Boise and back) goes through some of the windiest country you can ask for!

But.....something to remember about any Mag mount. I read in one of the magazines MANY years ago that to keep the magnets "good and strong" to keep them stored sitting on metal. Never leave them just sitting on a wood bench. I do this and always have. If nothing else, take a can lid and keep on the bottom of the Mag mount.

And.....if you put ANYTHING between the roof and Mag mount, it will reduce the "hold" a bit. I just clean the roof and make sure the bottom of the Mag mount is clean too and put it down.

One trip through blowing sands driven by 60 mph winds while driving 75 mph will leave more reminders of the trip than the little Mag mount! :-)

And if you have a pick up, there is a good looking mount that a lot of people are saying nice things about. Look at their WEB site at:

<http://www.geotool.com/antmount.htm>

I have not tried one but I will if I put the HF rig back in the truck.

More observations later.....

OK, back in my hole....

73, Ron

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@qsl.net....SOC #2.....Nevada....NRA LIFE....
.....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....
....Visit my Home Page.....<http://www.qsl.net/ku7y/>....

Date: Tue, 30 May 2000 08:17:12 -0700
From: Norm Melick <henmel@worldnet.att.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [71396] Re: Through hole parts shorage? -- Maybe!
Message-ID: <3933DB78.BD7E7298@worldnet.att.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Karl Kanalz wrote:

> Please be careful when making generalized, sweeping statements. Just
> because *you* have a private stock of 1500 NE602's doesn't mean that
> the device is not in short supply to *others*.

So Dave Benson shuts down the DSW because "SA612s now
critically scarce- this is becoming an obsolete part", and
the guys at Elecraft introduce the K1 that uses 602/612's.

Begs the questions, "Why", and "What shortage"?

Norm

Date: Tue, 30 May 2000 10:27:34 -0500
From: "James P. Osburn, P.E." <j.p.osburn@ieee.org>
To: "List; QRP, QRP Mailing List" <qrp-l@lehigh.edu>
Subject: [71397] Re: SMK-1 Web Photos of my work
Message-ID: <000501bfca4b\$95011fa0\$c8365a3f@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I put a higher resolution picture of my SMK-1 board on my
SMK web page. The picture link is
<http://www.indiana.net/~wd9eyb/smk/board.jpg>
My SMK web page link is

<http://www.indiana.net/~wd9eyb/smk/>
It might take a little while to load.

Jim, WD9EYB

Date: Tue, 30 May 2000 08:32:58 PDT
From: "Doug Hendricks" <ki6ds@hotmail.com>
To: qrp-l@lehigh.edu
Cc: wa6ger@aol.com
Subject: [71398] Kits: 100 NorCal NPO Cap Kits Available
Message-ID: <20000530153258.48824.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Guys, earlier this year I did a survey of interest in another run of npo caps. There was a good response, and on Jan. 30th I placed an order for 2000 of each value of the npo caps from 1 - 1000 pF. I got those caps Friday. You know what I spent the whole weekend doing, grin. Here is the bottom line.

NorCal is offering 100 NPO cap kits. They contain 20 of each value:

NPO Disc Ceramics

1, 2.2, 4.7, 10, 12, 15, 18, 22, 27, 33, 39, 47, 56, 68, 82, 100, 120, 150, 180, 220, 270 pF

NPO Mono

330, 390, 470, 560, 680, 820, 1000 pF.

All caps are brand new and are separated by value. There are 560 caps in the kit. The cost of the kit is \$30 plus \$4 shipping and handling. This is the last run of these cap kits that we will be doing. When they are gone, there will not be any more.

Here is how you order. Send me an email at

ki6ds@hotmail.com

with "NorCal Cap Kit" as the subject line. Tell me that you want to order a kit or kits. I will reply with an order number. You then send Jim Cates a check or money order for \$34 made out to Jim Cates to:

Jim Cates
3241 Eastwood Rd.

Sacramento, CA 95821

Also, you must give Jim your order number and enclose a self addressed mailing label. The reason we are doing it this way is that we only have 100 kits, and we don't want to have to return a lot of checks. I will give progress reports to the list as the kits go. Thanks for your support. 72,
Doug, KI6DS

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>

Date: Tue, 30 May 2000 08:34:14 -0700
From: Bob Nielsen <nielsen@primenet.com>
To: qrp-1@lehigh.edu
Subject: [71399] Re: Cry of Help for the Mobile Antenna
Message-ID: <20000530083414.A1068@primenet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

The best mag mount I have used was a Metz. It had a much stronger magnet than the Larsen and a thin rubber membrane which helped protect the paint of the car.

Bob

--
Bob Nielsen, N7XY
Bainbridge Island, WA
nielsen@primenet.com
<http://www.primenet.com/~nielsen>

Date: Tue, 30 May 2000 11:50:41 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [71400] Antenna Question...
Message-ID: <013201bfca4e\$d3d9f640\$2101a8c0@insydesw.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

As I mentioned earlier, I got my antenna up. Just to keep it fresh, I strung a dipole up for 40M between two trees about 70 or so feet apart. I fed it with 300ohm heavy twinlead, which goes right to the balanced output of my MFJ-901 tuner, and from there to the K2.

It works fantastic on 40, 20, and 15. 10 is another story. Once I 'dial in' the MFJ, I can pretty much work the whole band.

At first I thought the antenna was dead, and I was shocked. Then I realized the bands just were quiet. But I found one guy running a traffic net on 20M, and he was asking for generic checkins from 3 different areas, so I gave my call. Evidently I hit with someone else, but he asked for the '1' station to come back, so I tried again and got right through. (Amazing, as that implies I made it through a double!) I'm in Mass and this guy was in Florida. That tells me the antenna is 'probably' working fairly well, only more test will make sure.

Now, I've seen the Zepp examples in the books suggesting 450 or 600 ohm ladder line. But 300ohm was easy to pick up at Radio Shack. I originally was just going to use 75ohm coax, but decided to try the twinlead after seeing all the examples with ladderline.

My question is, what would I really gain with 450 as opposed to 300 ohm line. Or even 600 ohm?

Mike

(Now I'm considering another dipole, oriented 90 degrees to the first one to get more at europe...)

Date: Tue, 30 May 2000 08:39:30 PDT
From: "Doug Hendricks" <ki6ds@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [71401] Bay Area Pizza Bash: Gary Diana, N2JGU in town Friday
Message-ID: <20000530153930.91160.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Gary Diana, N2JGU, Mr. Embedded Research himself, will be in the bay area this weekend. I am organizing a Pizza Bash in his honor at the usual Pizza Place at the corner of Grant Road and El Camino Real. It is a Roundtable Pizza, and we will meet at 7:00 PM for QRP fun. Friday night, Roundtable Pizza, Mountain View. See you there. 72, Doug

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Date: Tue, 30 May 2000 11:54:49 -0400
From: "Richard Brummer, K2JQ" <k2jq@bestweb.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.edu>
Subject: [71402] Re: Cry of Help for the Mobile Antenna
Message-ID: <001c01bfca4f\$63ef0860\$bb04b3d8@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>The best mag mount I have used was a Metz.

I emphatically second that statement !

73,
Dick K2JQ
Mahopac, NY

Date: Tue, 30 May 2000 12:00:22 -0400
From: "g.diana" <embres@frontiernet.net>
To: qrp-l@lehigh.edu
Subject: [71403] through-hole/smt parts shortage
Message-ID: <200005301600.MAA26378@frontiernet.net>

There's been a lot of discussion about the through-hole vs. surface mount debate. One item of interest that has been described in one way or another is that some chips just are not made in through hole packages. So if you want that functionality, you need to deal with smt parts.

But here's an interesting situation I ran into:

I use low ESR surface mount tantalum caps for the EPS-1 DC-DC converter kit. Eighteen months ago, there were no problems getting these parts (at least in quantities of 400 pieces).

Well it ain't so easy now! I've called several large distributors, and FINALLY found some last week. This distributor told me that the shortage is due to a shortage of one of the key ingredients -- palladium. Can anyone verify this? It sounds possible, but it almost sounds like urban legend too!

One more thing, the caps are now double the price. But the alternative is to let the kits sit and wait til the shortage is over!

73, Gary N2JGU
Embedded Research
<http://www.frontiernet.net/~embres>
embres@frontiernet.net

Date: Tue, 30 May 2000 09:03:11 -0700
From: dave_epps@juno.com
To: qrp-l@lehigh.edu
Subject: [71404] SWL PSK-20 alive in Fresno
Message-ID: <20000530.090316.-94041.3.dave_epps@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Just finished the PSK-20 which is the new qrp psk-31 transceiver kit from small wonder labs.

Another winner from Dave. I don't know how he does it.

This kit uses insulated hookup wire on the toroids and it is really neat to see red, yellow, black and green on a green board. Dave added small pictorials of the area you are working in as you load the board and really makes it easy for parts placement. This is the least dense board that I have built in a while. If you can follow instructions and solder you won't have any trouble with this kit. IMHO. Mine started receiving psk-31 immediately at power-up.

It uses 2 602's . Classic?

dave ab5pc fresno,

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<http://dl.www.juno.com/get/tagj>.

Date: Tue, 30 May 2000 09:07:23 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio <qrp-l@Lehigh.EDU>
Subject: [71405] CW Speeds, new upgrades and etc
Message-ID: <Pine.GS0.4.10.10005300805570.9238-100000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

Interesting posts about CW and speeds.

Something to keep in mind is that most all of us feel comfortable at a speed around 25% to 35% below our "top speed".

As you get closer and closer to your "top speed" you have to work harder. For most of us, hard work isn't really a lot of fun nor comfortable! :-)

What to do when you can't find someone calling CQ at a speed you want to go?? Easy..... just call CQ yourself at whatever speed you choose.

Remember, as a general rule of thumb, the station calling CQ sets the speed.

If you hear someone calling CQ at a faster speed than you care to go but you really want to talk to that station, listen to see if anyone comes back to him. If no one calls him (or her) after a couple of CQ's, then call him. If he doesn't slow down to your speed, just wait until it's your turn to chat and ASK him to qrs. If you don't ask, how is he to know? :-)

That's how I tend to do it. Lets say that I call CQ at 30 wpm and someone comes back at 20 wpm. I stay at 30 wpm unless I am asked to QRS. Far too many times I have slowed down only to be told to QRQ because the other station can copy just fine but can't send for various reasons.

Bottom line is to be sure to ask someone to QRS before you get upset with them. If they don't QRS after being asked, THEN you can call then most any name you want to! :-)

And if you should ever be told by someone that they don't care to QRS, don't worry about it. Just find someone else to chat with. Accept the fact that some like to go faster/slower than others and don't take it personally!

It's kinda like going in a store.....some people will hold the door open for you and others will just let it swing shut in your face. You can't change the world and there are much better things to think about than those kind of folks anyway!

As far as code speed and proficiency go..... yes, speed is the ONLY way to measure total proficiency in CW. 100% copy and error free sending must be the base from which to judge. The slower the CW, the easier (read as less skill needed) it is to do.

That doesn't mean that everyone needs to try setting a new world record! Each of us should get to whatever point we feel like getting to! After all, it's ONLY a hobby.

CW proficiency (read as speed) doesn't make anyone a better ham than anyone else. It CAN make one a better CW operator but speed isn't the only thing involved in being a good CW operator! While no one has ever (nor will they ever) win a major CW contest using slow CW, just being able to do QRQ doesn't make a person a good contest operator either!

How fast should we be able to go??

Wow, that's a bit like the abortion question! EVERYONE has a strong feeling about that and each one is right for their own self.

The FCC now thinks that 5 wpm is the most needed. No NEED to ever go above that. But NO ONE can ever really ENJOY CW at 5 wpm. And I don't care what anyone says. In the time that I've been a ham (1952) I heard people say they enjoyed 5 wpm CW. But in EVERY case, when they got up to something like 15-30 wpm they all said that they had no idea what enjoying CW really was until they became proficient! :-) They just thought they were enjoying it.

A bit like the fellow who enjoyed hitting his finger with the hammer until he stopped and found out how much nicer it was to not hit it! :-)

OK, flame suit on. And flames NOT accepted here. I just delete them anyway. I'm too old to worry about it. :-)

And remember this ALWAYS.... FUN!!! This is what it's all about. FUN.

If you are having FUN, you are doing something right! If you are not having FUN, you are doing it wrong!

Also, don't ever expect others to think and do as you

think and do. That would be a very booring world to live in.

One last point..... if you don't like the new rules just put into place by the FCC, DON'T blame the folks that are upgrading. They are just doing what the rules say to do. While there MIGHT be 1% of them that worked hard to get the rules changed, MOST DID NOT and can't be "blamed".

Calling them second class hams just doesn't help ANYONE and does nothing but hurt the hobby.

If you wan't the rules changed, then just WORK WITHIN THE SYSTEM to get it changed, but don't go around bad mouthing what we have! :-)

Egad, I have run off at the mouth again! Some day I must learn to get over being so shy.....

OK, back into that hole....

73, Ron

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@qsl.net....SOC #2.....Nevada....NRA LIFE....
.....SOWP 5545M.....WHINERS #1.....ZOMBIE #18.....
....Visit my Home Page.....<http://www.qsl.net/ku7y/>....

Date: Tue, 30 May 2000 12:27:46 EDT
From: REDSBOY@aol.com
To: qrp-l@lehigh.edu
Subject: [71406] Soldering question (temperature)
Message-ID: <57.65419bb.26654602@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

For small boards and components for QRP stuff I have always used a 15 watt soldering pencil with good results. I have been given a "soldering station" with an pencil on which I can vary the temperature.

Such a wide range of temperatures! What temperature do you suggest for the type soldering I mentioned above? Of course I want to melt the solder but not the boards or components.

Can you give me some help, please?

73

Karl - W4UTI

Date: Tue, 30 May 2000 09:32:28 -0700
From: Phil Wheeler <w7ox@earthlink.net>
To: REDSBOY@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [71407] Re: Soldering question (temperature)
Message-ID: <3933ED1C.9227A205@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

REDSBOY@aol.com wrote:

>
> For small boards and components for QRP stuff I have always used a 15 watt
> soldering pencil with good results. I have been given a "soldering station"
> with an pencil on which I can vary the temperature.
>
> Such a wide range of temperatures! What temperature do you suggest for the
> type soldering I mentioned above? Of course I want to melt the solder but not
> the boards or components.
>
> Can you give me some help, please?
>

I use 600 or 700 deg-F.

Phil

Date: Tue, 30 May 2000 09:36:24 -0700 (PDT)
From: "James C. Owen, III" <k4cgy_list@yahoo.com>
To: qrp-l@Lehigh.EDU
Subject: [71408] Re: Cry of Help for the Mobile Antenna, an Update
Message-ID: <20000530163624.7753.qmail@web1609.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- Al Patrick <arp@inet4u.com> wrote:

> "John J. McDonough" wrote:
>
> > One detail about the large mag mounts. Make sure the car is
> clean or the
> > dirt will scratch the finish under the magnets.
> >
> > 72/73 de WB8RCR <http://members.home.com/wb8rcr/index.htm>
> > didileydadidah QRP-L #1446 Code Warriors #35
>
> I believe I heard of someone who used a towel or sheet of
> plastic or something
> under the magnets to protect the vehicle, but I don't recall
> what it was and I
> have not tried it.

Use a piece of Tyvek. This is what's used for the outer
insulation on homes or you can just use the outer sleeve from a 5
1/4" floppy disk since it's Tyvek.

73
Jim K4CGY

Do You Yahoo!?
Kick off your party with Yahoo! Invites.
<http://invites.yahoo.com/>

Date: Tue, 30 May 2000 09:38:55 PDT
From: "Doug Hendricks" <ki6ds@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [71409] NorCal Cap Kits: 20 gone, 80 left.
Message-ID: <20000530163855.387.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

The title says it all. 72, Doug

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>

Date: Tue, 30 May 2000 12:47:31 -0400
From: "Mike Yetsko" <myetsko@insydesw.com>
To: <REDSBOY@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [71410] Re: Soldering question (temperature)

Message-ID: <01b801bfca58\$a7a674e0\$2101a8c0@insydesw.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Unless you have some compelling reason for NOT staying at 700
(like special solder) I'd stay there.

Mike

> For small boards and components for QRP stuff I have always used a 15
watt
> soldering pencil with good results. I have been given a "soldering
station"
> with an pencil on which I can vary the temperature.
>
> Such a wide range of temperatures! What temperature do you suggest for
the
> type soldering I mentioned above? Of course I want to melt the solder
but not
> the boards or components.
>
> Can you give me some help, please?
>
> 73
>
> Karl - W4UTI
>

Date: Tue, 30 May 2000 09:51:23 -0700
From: "Doug Hauff" <slmachco@fix.net>
To: <qrp-1@LeHigh.edu>
Subject: [71411] San Luis Machine lives
Message-ID: <200005301647.JAA14689@clark.fix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Well I can't blame some of you for thinking I have vanished into the
woodwork, but I am alive and well at San Luis Machine.

I do apologize for occasional very slow response...mine is basically a
one-man shop, I have operators and helpers, but have never made the
transition to a "real" shop, I do most everything here. When i get very

busy, I tend to focus on the major projects and smaller details get tabled..sometimes for a long time. It is hard to justify letting a \$60.00 an hour CNC job sit while i fiddle with small stuff, next thing i know it is 11:00 at nite and i gotta go home....Nobody's fault but my own...I have started some projects during slack time only to get very busy with serious work and find myself majorly overbooked. If you have received no response, either i did not get the inquiry or i may have simply misfiled it. I have shipped many replacement bearings, magnets, etc and still do so...

Again, I apologize to those who have not received timely service from me.... those that know me know that while i may be late, I always do what I say i will do...eventually!

Thanks also to the many folks who have been very kind and understanding of my situation, and are supportive of what I do. In this day of credit cards and overnite shipping, most folks have been very understanding.

Got a question or just want to yell at me? I am here about 14 hours a day:

805 549-8065

OK, flame suit on..

72, Doug KE6RIE

Date: Tue, 30 May 2000 09:56:40 -0700
From: "Steve Thompson" <steve@xcvr.com>
To: <REDSBOY@aol.com>
Cc: <qrp-1@lehigh.edu>
Subject: [71412] Re: Soldering question (temperature)
Message-ID: <003201bfca58\$09454290\$0a72b6c6@steve>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Karl -

You might be interested in Elecraft's info on soldering (it's not necessarily specific to their products, but general enough to apply to anything). Look at

http://www.elecraft.com/TechNotes/Ask_Dr_Solder.html

Personally, I use 700 deg. F.

73,

Steve - N7TX
steve@xcvr.com
<http://www.xcvr.com>
K2#1271 - QRP-L#259 - FISTS#3467

----- Original Message -----

From: <REDSBOY@aol.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Tuesday, May 30, 2000 09:27
Subject: Soldering question (temperature)

> For small boards and components for QRP stuff I have always used a 15 watt
> soldering pencil with good results. I have been given a "soldering
station"
> with an pencil on which I can vary the temperature.
>
> Such a wide range of temperatures! What temperature do you suggest for the
> type soldering I mentioned above? Of course I want to melt the solder but
not
> the boards or components.
>
> Can you give me some help, please?
>
> 73
>
> Karl - W4UTI
>

Date: Tue, 30 May 2000 10:55:25 -0600
From: "Rod, N0RC" <n0rc@qsl.net>
To: <elecraft@qth.net>, "qrp-l" <qrp-l@Lehigh.EDU>
Subject: [71413] ARRL TIS--How to Solder
Message-ID: <01b301bfca57\$e0a776a0\$e0891004@compaq>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I was cruising the ARRL TIS pages and ran into this:

<http://www.arrl.org/tis/info/pdf/7308016.pdf>

"How to Solder"; Rod Hartkopf, VK3AOU; QST, Aug 1973

Since the topic comes up from time to time I thought I'd pass the info along.

A more contemporary, tutorial can be found on the Cooper tools site:

<http://www.coopertools.com/pdf/55578.pdf>

Good stuff, enjoy.

72/3 Rod, NØRC -- Fort Collins, CO

Date: Tue, 30 May 2000 14:40:21 EDT
From: REDSBOY@aol.com
To: qrp-1@lehigh.edu
Subject: [71414] Soldering iron info feedback.
Message-ID: <7a.5e6192b.26656515@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I received several replies to my inquiry re: soldering iron temperature. GOOD INFO! The consensus seems to be 700 degrees is probably the best and most common temp for small board work, but crank it up to 800 for larger jobs. The idea is to get on the joint, get heat on the joint, get solder on the joint, and GET OFF as soon as possible.

Some gave me extra info that is very good, and I hadn't thought about before. I especially appreciate all the replies. I have responded individually to each one of you, and I thank you "publicly."

73,

Karl - W4UTI

Date: Tue, 30 May 2000 11:55:32 -0700

From: "JC Smith" <jc-smith@worldnet.att.net>
To: <REDSBOY@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [71415] Re: Soldering question (temperature)
Message-ID: <006d01bfca68\$ab1edf80\$4703480c@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

On mine you have to change tips to change temperatures so I just stick with 700 most of the time. I also have an 800 deg. "chisel point" tip that came with the station and have used it at times with (so far) no adverse effects, in fact I built my entire NorCal 40 with it. Now I'm getting ready to build my new SMK-1, and I notice that the construction manual also recommends a 700 deg. tip.

72 - JC,k0hps@amsat.org

----- Original Message -----

From: <REDSBOY@aol.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Sent: Tuesday, May 30, 2000 9:27 AM
Subject: Soldering question (temperature)

> For small boards and components for QRP stuff I have always used a 15 watt
> soldering pencil with good results. I have been given a "soldering
station"
> with an pencil on which I can vary the temperature.
>
> Such a wide range of temperatures! What temperature do you suggest for the
> type soldering I mentioned above? Of course I want to melt the solder but
not
> the boards or components.
>
> Can you give me some help, please?
>
> 73
>
> Karl - W4UTI
>

Date: Tue, 30 May 2000 14:57:27 EDT
From: K4YBB@aol.com
To: qrp-1@lehigh.edu

Subject: [71416] San Luis Machine Not Guilty
Message-ID: <24.5a138f9.26656917@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Well, now I done went and messed up AGAIN. At 6: AM EDT 5-30-2k I ran my flap
jaw and did not check b4 I leaped.

NOW IT IS NECESSARY FOR ME TO MAKE A PUBLIC APOLOGY TO SAN LUIS MACHINE CO.

I went digging thru my e-mail files and found that the problem is all mine. I used an address (e-mail) that rejected and I was to dum to figure out that the address was wrong -- incorrect. SLM is not at fault on my e-mail not being answered.

IT WAS ME THAT MADE THE ERROR IN TYPING and then true to human nature don't admit that you made the mistake always blame it on the other guy.

WELL, I APOLOGIZE !! I MADE THE DUM TYPING ERROR AND SAN LUIS MACHINE CO. IS NOT GUILTY OF FAILING TO ANSWER E-MAIL.

I PROMISE TO BE MORE CAREFUL IN THE FUTURE.

73 Jim K4YBB

Date: Tue, 30 May 2000 15:27:54 -0400
From: Nils R Young <nilsbull@juno.com>
To: QRP-L@lehigh.edu
Subject: [71417] LPF filter values &c
Message-ID: <20000530.152758.-427729.0.nilsbull@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Gang,

Somewhen between this post & maybe another 20 minutes of furtive searching, I hope to come up with the turns & core values for the W1FB 20 W amp that I bought the board for at Dayton & subsequently lost all the paperwork. The thought of using (expensive) overly large T-106 toroids for a simple T-68 job kinda irks me some.

Anyone got a copy of the pertinent data they'd wanna send me direct? Or a page in an appropriate book (presuming that I have that book) might do.

As usual, another lost cause waiting for diplomacy . . .

73

Nils

Nils R. Bull Young -- El Gringo Errante -- La Estancia de los Guajolotes
Sonrientes
<http://www6.50megs.com/w8ijn> -- W8IJN -- <http://members.xoom.com/nilsbull>
In my day you had to FIGHT to have digits! Every DAY was a STRUGGLE!
--- Comrade Nikolai Sergeevich McTovarishov

YOU'RE PAYING TOO MUCH FOR THE INTERNET!
Juno now offers FREE Internet Access!
Try it today - there's no risk! For your FREE software, visit:
<http://dl.www.juno.com/get/tagj>.

Date: Tue, 30 May 2000 12:48:56 -0700
From: "Phinizy, William" <wphinizy@filenet.com>
To: "'qrp-1@Lehigh.EDU'" <qrp-1@Lehigh.EDU>
Subject: [71418] Re: FS: OHR DD-1 Frequency Display and Counter..
Message-ID: <C3AF5E329E21D2119C4C00805F6FF58F02BE5E6C@hq-expo2.filenet.com>

..The counter has been sold..

W. H. Phinizy, K6WHP
Principal Engineer
FileNET Corporation

Date: Tue, 30 May 2000 20:47:32 -0700
From: "Graham Firth" <graham.firth@btinternet.com>
To: <bcdlr13@home.com>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [71419] Re: Showa Filters
Message-ID: <022601bfcab4\$1e19e200\$02010080@graham>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi

> Anybody have some Showa 9.000 MHz filters stashed or know of a source.
> Someone told me they saw them at Dayton and that the QRP club might have

> them.
> Dan Reynolds KB9JL0

I have the G-QRP club Sales stock and it includes these filters. George (G3RJV) will have had some with him at Dayton - but he has returned home now. They are model SF0922B & are 2.2kHz 9MHz filters. I also have the associated USB & LSB carrier crystals (9MHz +/- 1.5kHz). They are priced at GBP12.50 each. The crystals are GBP4 per pair. Let me know if you want some & we'll negotiate exchange rates etc!

72/3

Graham
G3MFJ

Date: Tue, 30 May 2000 16:20:05 EDT
From: K1DXradio@aol.com
To: qrp-l@lehigh.edu
Subject: [71420] FS: Poqet PC, excelnt cond.
Message-ID: <8e.5b31866.26657c75@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I bought this item from a lead on QRP-L several months ago. The Poquet PC is small and well suited for backpacking. This is the Model PQ 0181 and it includes the original box and all documentation, a vinyl case, serial port adaptor, 2400 baud modem, (perhaps can be adapted to VHF packet using information in Nov 94 73 mag. and Aug 91 QST), two battery-backed-up, removable solid-state 1 MB drives (A: and B:), C: drive ROM containing MS DOSA V3.3, Poqet utilities, Calc, Write, Schedule, Address, Talk, Link (for up/downloading to an external host PC via a serial cable (not supplied)), diskette containing Poquet programs for a host PC, shareware programs (Kamterm and PMP (poor man's packet with program modified for serial port use)).

I have about \$36 into this. The first person committing to buy it can have it for that price plus actual postage and ins. Reply ONLY via email to george.woods@juno.com (my most often read K1DX email account).

Date: Tue, 30 May 2000 13:23:50 PDT
From: "Doug Hendricks" <ki6ds@hotmail.com>
To: qrp-l@lehigh.edu
Subject: [71421] NorCal Cap Kits: Status report
Message-ID: <20000530202350.34181.qmail@hotmail.com>

Mime-Version: 1.0

Content-Type: text/plain; format=flowed

Guys. 47 of the 100 kits are spoken for. These are all kitted, in boxes, ready to ship. I will take them to Jim on Sunday and give them to him at the NorCal meeting. They will ship next week. 72, Doug, KI6DS

Get Your Private, Free E-mail from MSN Hotmail at <http://www.hotmail.com>

Date: Tue, 30 May 2000 15:24:39 -0600

From: zmola@campbellsci.com

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [71422] Re: Kits: DSW Production Interruption

Message-ID: <200005301536.PAA08869@demeter.campbellsci.com>

MIME-Version: 1.0

Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7BIT

"Dave Benson" <nn1g@earthlink.net> wrote:

> To elaborate a little, here's the situation-

>

> I currently have just enough DSW board assemblies to cover the existing
> backlog of orders. I am awaiting a shipment of AD9835 DDS ICs, and that is
> the most critical hangup. Over the last 6 months or so, the parts
> availability situation with distributors has gone from "in stock" to 3-4
> weeks to 7-8 weeks to 17 weeks with the last order. As Doug points out,
> the SA612ANs are also becoming quite difficult to find in the quantities we
> small manufacturers need.

I've seen this happening here at work. The wireless industry is taking off and these people are using large quantities of parts. I was wondering if we could fight this a little by making a VFO on a board and using for many kits/products.

My other question is how much through hole work is necessary to produce a dsw type tranceiver. Can most of it be done with SMT? Just wondering if a \$100 single band cw rig (assembled with case) was a possibility.

Carl

AC7BB

Carl

zmola@campbellsci.com

Date: Tue, 30 May 2000 17:15:46 -0400
From: Stephen Trier <sct@po.cwru.edu>
To: qrp-l@lehigh.edu
Subject: [71423] Re: through-hole/smt parts shortage
Message-ID: <3.0.5.32.20000530171546.0093eba0@hunny.cwru.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 12:00 PM 5/30/00 -0400, Gary N2JGU wrote:
>This distributor told me that the shortage is due to a shortage of one
>of the key ingredients -- palladium. Can anyone verify this?

I don't know about a shortage of palladium. According to the trade press, the principal problem with surface-mount tantalum caps is very high demand that has outstripped the worldwide supply. Cell phones and other portable electronic gadgets are the primary culprits.

It's so bad that when I tried to find some surface-mount tantalums a few months ago, one distributor quoted a 70-week shipping time!

Manufacturers are adding capacity to their plants, so the supply should start to increase in the second half of this year. The shortage probably won't be over until some months later, because there is surely a lot of pent-up demand right now.

Stephen

--
Stephen Trier
Technical Development Lab
Cleveland FES Center
sct@po.cwru.edu / KG8IH

Date: Tue, 30 May 2000 17:25:00 EDT
From: GElam30092@aol.com
To: qrp-l@lehigh.edu
Subject: [71424] antenna restrictions
Message-ID: <8e.5a895c8.26658bac@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

There was an article that ran in the AR Republic last month regarding antenna

restrictions. The article was very well written and talked about the FCC asking for homeowners and HOA to compromise.

Anyway, I wrote a letter to my HOA asking for permission to put up an antenna on a temporary basis and just got a call from the management agency that works with the board. It will be presented at the end of next month. I attached a copy of the article too.

What's encouraging are the questions that he asked after reading the letter. I suspect that I'll be given permission but that is yet to be seen.

If you'd like a copy of the AZ Republic article, please let me know. It really is a good article and those who put out newsletters might ask for permission to rerun it from the reporter.

I have it in a Word document and if that isn't acceptable, I can forward a text file. Please respond off list with your preference.

Regards,
Gerry, K7LR0
PHX AZ

Date: Tue, 30 May 2000 17:28:12 -0400
From: "Victor Blackwell" <victor@brecnet.com>
To: <henmel@worldnet.att.net>, "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [71425] Re: Through hole parts shorage? -- Maybe!
Message-ID: <002e01bfca7e\$00dae9e0\$5e5730d1@victor>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I don't buy things that use tubes, primarily because of there being obsolete.

So what is going on? If I order a K1 does that mean I am ordering solid state based gear that is obsolete? or just as bad if you can't get certain parts?

Vic AD8K

I don't think Dave should worry about a months backlog. Bob Drake would be worried if his backlog was less than one month. Sounds like a healthy back log to me..

-----Original Message-----

From: Norm Melick <henmel@worldnet.att.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Tuesday, May 30, 2000 11:16 AM
Subject: Re: Through hole parts shorage? -- Maybe!

>Karl Kanalz wrote:

>

>> Please be careful when making generalized, sweeping statements. Just
>> because *you* have a private stock of 1500 NE602's doesn't mean that
>> the device is not in short supply to *others*.

>

>So Dave Benson shuts down the DSW because "SA612s now
>critically scarce- this is becoming an obsolete part", and
>the guys at Elecraft introduce the K1 that uses 602/612's.

>

>Begs the questions, "Why", and "What shortage"?

>

>Norm

Date: Tue, 30 May 2000 17:37:11 EDT
From: K2UD@aol.com
To: qrp-1@lehigh.edu
Subject: [71426] OT: Macintosh terminal software WTD
Message-ID: <de.59baf5.26658e87@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

I was given an old Apple Macintosh computer and accessories. Free is good any day! Well, maybe I can't run PSK-31 with it, but I would like to dedicate it to terminal use for packet.

Is there terminal emulation software written for the Macintosh to support an RS-232 line for use with a TNC? Is Macterm what I'm thinking of? TNX to all for any help.

72

Howard Kraus, K2UD

Date: Tue, 30 May 2000 17:39:21 -0400
From: Stanley A Mcintosh <mcintos@basf-corp.com>

To: qrp-1@Lehigh.EDU
Subject: [71427] Mobile HF Antenna Mounting
Message-ID: <852568EF.007640B6.00@basf-corp-gw01.basf-corp.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I got some great advice in response to my questions, even though I'll have to admit that I did not apply all of it.

Bruce Muscolino advised going to a body shop to help with getting some fender-conforming, original body color reinforcements to beef things up, if need be. However, the Hamstick certainly seems to be plenty secure with the standard mount hole. I could turn out to be wrong in a few thousand miles, but we'll see.

Since the manufacturer-supplied mount was useless, I decided to experiment. Success didn't seem likely, but, with the threaded shaft broken off, the original car antenna mount was useless as it was. I bored out the center conductor and plastic insulation. Then, when that wasn't quite a wide enough hole to accomodate the antenna mounting hardware that I'd found (two flanged insulating washers/spacers, 3/8" bolt, solder terminal, and 3/8" long nut), so I bored out just a touch more metal. GM actually made this piece quite beefy, the metal base piece still has some significant supportive material. It works, and, again, the stick seems secure.

Ori, AC6AN, observed that 75 meters is not an optimal choice for mobile.

>> that's mistake #1: efficiency is quite bad, definitely not
>> sufficient for qrp operation.

True. I read somewhere that the 75m hamsticks are only about 7% efficient, so I may actually use a little bit of an amplifier to boost my signal to 20W or so. I don't want to trigger the chronically-recurring ERP/QRP debate; it's just that I am less unwilling to boost the power of a CW signal coming from the transmitter if it really isn't going to add to the qrm any more than the standard qrp rig with a standard antenna. While that would not be true qrp, it would keep in the spirit of using only the minimum amount of power necessary for reliable communications. Actually, the main point is to play. Before I bother with drilling holes in the car or getting metal reinforcing plates or going for a "real" mobile antenna, I'd like to just play to see how much I like the antenna in the car.

With respect to the tag mount piece that I got:

>> that's mistake #2: if it looks flimsy and feels flimsy then
>> it must be... flimsy!

That is my mistake. I grew up in the era of heavy license plates bolted to metal that could support a full HF tower. Little did I know that the automotive design engineers had awoken since then to design a license plate well to support, well, a license plate. At the same time, the tag mount that I have is ~~not~~ flimsy. It's made of 1/8" thick 316 stainless steel. So, if my next car has a better tag region, I might be able to use it then.

All this talk of mistakes overlooks my biggest mistake: I failed to properly prime the spouse. As soon as Lisa walked outside, I saw "the look." You know the one. This is the look that non-ham spouses give any externally-mounted ham gear that is visible when you know where it is and are looking for it. I had a response, though. I told her that I expected her to be less than thrilled and, if she were really that upset, I could go to Lakeview Antennas and get an antenna for her car to ease her jealousy. That last remark was probably my biggest mistake.

Thanks again for all of the advice, and I'm looking forward to at least something of an introduction to mobile HF. If nothing else, I'd be happy to be able to just listen for a while.

72
stan

Date: Tue, 30 May 2000 21:43:32 -0400
From: Richard Arland <k7sz@epix.net>
To: epaqrp-1@Lehigh.EDU, QRP List <qrp-1@Lehigh.EDU>, tentec
<tentec@contesting.com>, tentec list <tentec@qth.net>
Subject: [71428] FS: Nice T-T Argosy-II w/PSU (reduced price)
Message-ID: <39346E44.2ADCCF69@epix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The rig is a digital Argosy. VERY nice condition. Some scratches on the PSU but the rig is cherry. It has the normal SSB 2.4 KHz filter and a 500 CW along with the Embedded Research copy of the active AF filter installed. No noise blanker (which didn't work that well anyway). PTO was rebuilt 1 year ago. There is a modification for a sightless operator

(I have that add-on unit as well) to receive audible annunciation of the operating frequency.

I have a copy of the manual that will go with the rig.

\$400 and buyer pays shipping.

The T-T Model 1208 6 meter transverter is sold. Thanks to all who replied.

Personal e-mail replys only.

73 Rich K7SZ

Date: Tue, 30 May 2000 17:59:33 -0400
From: neil tanner <ntan@crosslink.net>
To: "qrp-1@Lehigh.EDU" <qrp-1@Lehigh.EDU>
Subject: [71429] cpr/mon
Message-ID: <393439C5.48AA7240@crosslink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings ...Has anyone on the list built the CPR/MON decsribed in the April-98 issue of the QQ? I just knocked it together and didn't use the 386 audio amp, but a two-stage audio amp used in the ultra-portable xcvr, pg.219 in SSDesigns. The amp seems to work, but how does one check the mixer to see if it works? I thought that I would at least hear the xtal ocs. coming through on my FT101ee, but not a peep. Any ideas? Tnx es
72 Neil wa4chq

Date: Tue, 30 May 2000 22:05:20 +0100
From: wd3p@juno.com
To: KKanalz@excel.com, qrp-1@Lehigh.EDU
Subject: [71430] Re: qrp solar power jpeg (was: Portable power supply for DSW)
Message-ID: <20000530.220521.-488333.1.wd3p@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

On Tue, 30 May 2000 07:43:23 -0500 Karl Kanalz <KKanalz@excel.com> writes:

> It's not necessarily the size of the file, JC, but rather the E-mail
> provider that some folks use. Usually, "free mail" providers,
> such as juno.com (and similar), will not accept attachments of
> much of any kind. E-mail with attachments, even realtively
> small .jpg files, will bounce.

Sorry to disappoint you but juno takes attachments. That changed is several months ago. Even made me upgrade when someone decided to send me one of those things. Try version 4. Now they insist on sending out ads as attachments in HTML. I suspect that was the real reason for the change.

73 de Larry.....WD3P

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<http://dl.www.juno.com/get/tagj>.

Date: Tue, 30 May 2000 18:20:57 -0400

From: "aluscre" <aluscre@neo.rr.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [71431] CQ-WPX-CW

Message-ID: <20000530222318.AAA18928@roadrunner.neo.lrun.com@neo.rr.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

First contest with new license. Conditions were not great (especially on 10) and had a number of family events to share the time. Worked about 10 hours.

One new contry E4 and many new band/countries on 20

Band	QSOs	Points	PFX	Score	
40	5		5	5	615
20	65	154		51	18942
15	80	168		62	20664
10	13	25		6	3075
dupes	5				
total	164	352	123	43296	

Rig: K2

Antennas Butternut Butterfly and Vertical

--

|-----|
| Anthony A. Luscre |
| KA8NRC |
Stow, Ohio

Date: Tue, 30 May 2000 22:37:23 -0500
From: "chuck munce" <k0gjx@email.msn.com>
To: "qrp-l ref" <qrp-l@Lehigh.EDU>
Subject: [71432] PARTS SHORTAGE!!??
Message-ID: <0a7002540221e50CPIMSSMTPU03@email.msn.com>

I have been following this thread for while, and it seems to me that small manufacturers should form a buying group. Find out what is common to each and go from there. When i was in the dist. business i found all types of importers who were glad to sell me a few of this and that. And most of the time at great saving's Just a thought....chuck

CHUCK MUNCE K0GJX
CHECK OUT THE SLUG SAVER/ORGANIZER FOR YOUR BIRD
<http://www.tc.umn.edu/nlhome/m374/husby002//k0gjx/k0gjx.htm>

Date: Tue, 30 May 2000 18:42:24 -0400
From: "John Nall" <nally@talstar.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [71433] License upgrades
Message-ID: <006501bfca88\$542a8920\$13cdfea9@r6g4f3>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Got a note from a friend of mine who upgraded from Tech-Plus to General with the restructuring. He was just advising that we could do some CW together, but also passed on something which I found interesting. Thought I would share it. Here tis:

"I heard that several guys around here with Extra licenses gave up their licenses and retested to become Advanced before April 15. They wanted to have a license that "proved" they were better. Go figure."

Kind of an interesting theory, no? :-)

John WB4LOQ (Advanced, if anyone is interested, since 1968)

End of QRP-L Digest 1837

